

## **Advertisement**

### **PUBLIC NOTICE TO CONSULTANTS.**

PUD No#1 of Jefferson County is accepting proposals from consultants to perform a water demand, supply and availability study for Quilcene – Snow Water Resource Inventory Area (WRIA) 17. Proposals must be received at the PUD office, P.O. Box 929, 230 Chimacum Road, Port Hadlock, Washington, 98339, by 5:00 pm on February 12. For a complete RFP visit the PUD Web site at [jeffpud.org](http://jeffpud.org) or the WRIA 17 website at [wria17.org](http://wria17.org).

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## **REQUEST FOR PROPOSALS**

### **Stage 1 Water Availability, Supply and Demand Assessment of WRIA 17**

#### **A. Project Description:**

The project is the first stage (Stage 1) of a two staged assessment of current and future water demand in the Quilcene-Snow Water Resource Inventory Area 17 (WRIA 17) and an evaluation of water supply alternatives for meeting these demands. The first stage is to develop a GIS toolset, analysis and technical report that can be used to forecast water demand and supply in the context of existing water rights, projected uses and current supplies within a 6 and 20 year timeframe at a subbasin level in WRIA 17. This toolset and analysis will be used to develop strategies to meet future water demand within the subbasins of WRIA 17 in the second stage of the project (separate from this RFP).

#### **B. Overall Project Objectives:**

Overall objectives include a reevaluation of current water use, available supply and water demand projections by type of activity in each individual sub basin (essentially an update of the water quantity section of the [Technical Assessment \(Parametrix, 2000\)](#). (Stage 1)

#### **C. Stage 1 SCOPE OF WORK**

##### **SERVICES TO BE PROVIDED BY THE CONSULTANT:**

##### **Task 1 – Current Population, Water Connections, Water Use**

Use current WA OFM and other available information to estimate population. Determine utility water service connections (assessment will categorize residential (single family vs. multi-family), commercial, industrial, and other categories of development within service areas) and estimate self supplied water (e.g., permit exempt wells) by subbasin.. Identify other consumptive uses by subbasin (e.g. agriculture).

##### **Task 2 – Projected Land Use, Future Population, and Water Demand**

Estimate future water use in 2016 (6 years from present) and 2030 (20 years from present) based on local and state water resource and population datasets at subbasin level. Identify shortfalls in water availability taking into consideration the WRIA-17 instream flow rule. Describe assumptions and limitations to proposed methods. A GIS based methodology is preferred.

### **Task 3 – Systems Description and Analysis**

Based on water system data and analytical tools developed in initial tasks illustrate and analyze the gaps between water availability and demand over the 6 to 20 year time frame by type of use. Determine the probable causes of the gaps, such as inadequate water rights, poor land use planning, unanticipated growth, etc.

### **Task 4 – Reporting**

Prepare a technical report documenting the methodology and presenting results. An electronic draft technical report will be submitted for review by the WRIA17 Planning Unit by May 31, 2010. One set of compiled comments on the draft report will be addressed and an electronic version of the final technical report and associated GIS datasets will be transmitted to the PUD by June 30, 2010. The final report deadline is not negotiable due to grant restrictions.

**Total Cost =\$21,000**

## **D. SERVICES TO BE PROVIDED BY THE PUD.**

### **Project Management**

Jefferson County PUD #1 will be responsible with WRIA-17 Planning Unit input for selecting a consultant and working with that consultant to develop the assessment.

The other services to be provided by the PUD include, but are not necessarily limited to the following:

1. Furnish all reasonably available records and information.
2. Provide electronic or loaner copies of available Comprehensive Water System Plan and current water system plans.
3. Provide staff support and assistance as required and agreed to in advance of study.

## **PROPOSAL SUBMITTAL**

A. The following information is to be submitted as part of the proposal. The proposal is not to be more than ten single-sided pages (electronic or otherwise) in length excluding single page resumes of persons to be assigned to the project. Only one electronic copy of the proposal is required for submittal, no hard copies are required. Total electronic file size of proposal is not to exceed 4 Mb. Other material may be attached as deemed appropriate, such as a copy of or link to a similar study performed by the applicant that most closely fits the scope of work outlined above. The proposal is to be organized into the following categories:

1. Approach to the Project: Describe your approach to this project and any ideas, techniques or suggestions that you think might make the project proceed smoothly.
2. Experience: Describe the experience of the firm and of the individuals assigned with related projects of a similar nature. Provide at least three references.
3. Qualifications: Describe your staff's unique qualifications and training for this type of work.

4. Schedule: Describe your plan/ schedule for completing the work. Work must be completed by end of State fiscal year (6/30/10).
  5. Budget: Show the hourly and total costs for completing the work. Provide a firm, fixed cost for completing the project. Proposals with budgets over \$21,000 will not be considered.
- B. A copy of a proposed contract may be attached. Provide evidence of Professional Liability Insurance.
- C. Deadline for submission of proposal: 5:00 PM, February 12, 2010

Interested firms should submit proposals to [bgraham@jeffpud.org](mailto:bgraham@jeffpud.org).

Address questions about this RFP to Bill Graham at [bgraham@jeffpud.org](mailto:bgraham@jeffpud.org). Email only, please. Questions must be received by February 10, 2010. Answers to the questions received will be posted on the PUD website at [jeffpud.org](http://jeffpud.org).